

APPENDIX A



Asbestos Identification Laboratory

165 New Boston St., Ste 227
Woburn, MA 01801
781-932-9600

Web: www.asbestosidentificationlab.com
Email: mikemanning@asbestosidentificationlab.com

Batch: 48695



Lab Code: 200919-0

December 02, 2019

Alan Sundquist
CDW Consultants, Inc.
6 Huron Drive
Natick, MA 01760

Project Name: 225 Beaver St
Project Number: 1830.10
Date Sampled: 2019-11-20
Work Received: 2019-11-25
Work Analyzed: 2019-12-02

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

Dear Alan Sundquist,

Asbestos Identification Laboratory has completed the analysis of the samples from your office for the above referenced project. The information and analysis contained in this report have been generated using the EPA /600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. Materials or products that contain more than 1% of any kind or combination of asbestos are considered an asbestos containing building material as determined by the EPA. This Polarized Light Microscope (PLM) technique may be performed either by visual estimation or point counting. Point counting provides a determination of the area percentage of asbestos in a sample. If the asbestos is estimated to be less than 10% by visual estimation of friable material, the determination may be repeated using the point counting technique. The results of the point counting supersede visual PLM results. Results in this report only relate to the items tested. This report may not be used by the customer to claim product endorsement by NVLAP or any other U.S. Government Agency.

Laboratory results represent the analysis of samples as submitted by the customer. Information regarding sample location, description, area, volume, etc., was provided by the customer. Asbestos Identification Laboratory is not responsible for sample collection activities or analytical method limitations. Unless notified in writing to return samples, Asbestos Identification Laboratory discards customer samples after 30 days. Samples containing subsamples or layers will be analyzed separately when applicable. Reports are kept at Asbestos Identification Laboratory for three years. This report shall not be reproduced, except in full, without the written consent of Asbestos Identification Laboratory.

- NVLAP Lab Code: 200919-0
- Massachusetts Certification License: AA000208
- State of Connecticut, Department of Public Health Approved Environmental Laboratory Registration Number: PH-0142
- State of Maine, Department of Environmental Protection Asbestos Analytical Laboratory License Number: LB-0078(Bulk) LA-0087(Air)
- State of Rhode Island and Providence Plantations. Department of Health Certification: AAL-121
- State of Vermont, Department of Health Environmental Health License AL934461

Thank you Alan Sundquist for your business.

Michael Manning
Owner/Director

December 02, 2019

Alan Sundquist
CDW Consultants, Inc.
6 Huron Drive
Natick, MA 01760

Project Name: 225 Beaver St
Project Number: 1830.10
Date Sampled: 2019-11-20
Work Received: 2019-11-25
Work Analyzed: 2019-12-02

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
1A	Sheetrock W/Paint	2nd Floor Left	multi	Hair 10	None Detected
538895				Non-Fibrous 90	
1B	Sheetrock W/Paint	2nd Floor Left	multi	Hair 10	None Detected
538896				Non-Fibrous 90	
1C	Sheetrock W/Paint	2nd Floor Left	multi	Hair 10	None Detected
538897				Non-Fibrous 90	
2A	9x9 Beige W/Grey Floor Tile	Kitchen	tan	Other 10	None Detected
538898				Non-Fibrous 90	
2B	9x9 Beige W/Grey Floor Tile	Kitchen	tan	Other 10	None Detected
538899				Non-Fibrous 90	
2C	9x9 Beige W/Grey Floor Tile	Kitchen	tan	Other 10	None Detected
538900				Non-Fibrous 90	
3A	Brown Mastic	Kitchen	brown	Cellulose 10	None Detected
538901				Non-Fibrous 90	
3B	Brown Mastic	Kitchen	brown	Cellulose 10	None Detected
538902				Non-Fibrous 90	
3C	Brown Mastic	Kitchen	brown	Cellulose 10	None Detected
538903				Non-Fibrous 90	
4A	Black Paint	Basement Wall	black	Non-Fibrous 100	None Detected
538904					
5A	Ceiling Plaster	1st Floor Bedrooms	multi	Cellulose 20	None Detected
538905				Non-Fibrous 80	
5B	Ceiling Plaster	1st Floor Bedrooms	multi	Cellulose 20	None Detected
538906				Non-Fibrous 80	
5C	Ceiling Plaster	1st Floor Bedrooms	multi	Cellulose 20	None Detected
538907				Non-Fibrous 80	
6A	Ceiling Plaster White	Kitchen	white	Non-Fibrous 100	None Detected
538908					

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
6B 538909	Ceiling Plaster White	Kitchen	white	Non-Fibrous 100	None Detected
6C 538910	Ceiling Plaster White	Kitchen	white	Non-Fibrous 100	None Detected
7A 538911	Ceiling Plaster, Brown	Kitchen	brown	Non-Fibrous 100	None Detected
7B 538912	Ceiling Plaster, Brown	Kitchen	brown	Non-Fibrous 100	None Detected
7C 538913	Ceiling Plaster, Brown	Kitchen	brown	Non-Fibrous 100	None Detected
8A 538914	White Ceiling Tile	2nd Floor Bath	tan	Cellulose 90 Non-Fibrous 10	None Detected
8B 538915	White Ceiling Tile	2nd Floor Bath	tan	Cellulose 90 Non-Fibrous 10	None Detected
8C 538916	White Ceiling Tile	2nd Floor Bath	tan	Cellulose 90 Non-Fibrous 10	None Detected
9A 538917	Tan Floor Tile		gray	Non-Fibrous 100	None Detected
10A 538918	Grey Corrugated Roof Tile	Calf Barn	gray	Other 10 Non-Fibrous 70	Detected Chrysotile 20
10B 538919	Grey Corrugated Roof Tile	Calf Barn	green		Not Analyzed
10C 538920	Grey Corrugated Roof Tile	Calf Barn			Not Analyzed
11A 538921	12x12 White W/Grey Tile	Large Room	white	Non-Fibrous 100	None Detected
11B 538922	12x12 White W/Grey Tile	Large Room	white	Non-Fibrous 100	None Detected
11C 538923	12x12 White W/Grey Tile	Large Room	white	Non-Fibrous 100	None Detected
12A 538924	Tan Mastic	Large Room	tan	Cellulose 10 Non-Fibrous 90	None Detected
12B 538925	Tan Mastic	Large Room	tan	Cellulose 10 Non-Fibrous 90	None Detected
12C 538926	Tan Mastic	Large Room	tan	Cellulose 10 Non-Fibrous 90	None Detected

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
13A	White Ceiling Plaster	Large Room	white	Non-Fibrous 100	None Detected
538927					
13B	White Ceiling Plaster	Large Room	white	Non-Fibrous 100	None Detected
538928					
13C	White Ceiling Plaster	Large Room	white	Non-Fibrous 100	None Detected
538929					
14A	9x9 Maroon/Black Tile	105	multi	Cellulose 40	None Detected
538930				Non-Fibrous 60	
15A	Vapor Paper	105	multi	Cellulose 70	None Detected
538931				Non-Fibrous 30	
16A	9x9 Black Floor Tile	105	black	Cellulose 40	None Detected
538932				Non-Fibrous 60	
17A	Vapor Paper	105	multi	Cellulose 70	None Detected
538933				Non-Fibrous 30	
					Not Analyzed
538934					

Monday 02 December

Analyzed by:



End of Report

Batch: 48695

Page 3 of 3

Lab ID# (Lab Use Only)	Field ID/ (Client Reference)	Temp in Celcius = _____	Stereo Scope					Optical Properties										Non-Asbestos Percentage (%)						
			Material / Location	% of Asbestos	Color	Homogeneity	Texture	Friable	Asbestos Minerals	Asbestos %	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous	
2A	2A		Material 9x9 BELLE w/gray FIBRITUS Location KITCHEN	0 +	g	g	g	✓	Chrysotile Amosite Crocidolite Tremolite Anthophyllite Actinolite													10	4%	90
2B	2B		Material 11 9 Location	0 +	g	g	g	✓	Chrysotile Amosite Crocidolite Tremolite Anthophyllite Actinolite													10	4%	90
2C	2C		Material 11 1 Location	0 +	g	g	g	✓	Chrysotile Amosite Crocidolite Tremolite Anthophyllite Actinolite													10	4%	90
3A	3A		Material Brown MASTIC Location KITCHEN	0 R	g	g	g	✓	Chrysotile Amosite Crocidolite Tremolite Anthophyllite Actinolite													10	4%	90
3B	3B		Material 11 1 Location	0 R	g	g	g	✓	Chrysotile Amosite Crocidolite Tremolite Anthophyllite Actinolite													10	4%	90

[illegible]

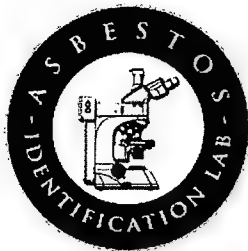
[illegible]

DNA

[illegible]

[illegible]

[illegible]



Asbestos Identification Laboratory

165 New Boston St., Ste 227
Woburn, MA 01801
781-932-9600

Web: www.asbestosidentificationlab.com
Email: mikemanning@asbestosidentificationlab.com

Batch: 49578



Lab Code: 200919-0

January 06, 2020

Alan Sundquist
CDW Consultants, Inc.
6 Huron Drive
Natick, MA 01760

Project Name: 1830 Beaver St.,
Project Number:
Date Sampled: 2020-01-06
Work Received: 2020-01-06
Work Analyzed: 2020-01-06

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

Dear Alan Sundquist,

Asbestos Identification Laboratory has completed the analysis of the samples from your office for the above referenced project. The information and analysis contained in this report have been generated using the EPA /600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. Materials or products that contain more than 1% of any kind or combination of asbestos are considered an asbestos containing building material as determined by the EPA. This Polarized Light Microscope (PLM) technique may be performed either by visual estimation or point counting. Point counting provides a determination of the area percentage of asbestos in a sample. If the asbestos is estimated to be less than 10% by visual estimation of friable material, the determination may be repeated using the point counting technique. The results of the point counting supersede visual PLM results. Results in this report only relate to the items tested. This report may not be used by the customer to claim product endorsement by NVLAP or any other U.S. Government Agency.

Laboratory results represent the analysis of samples as submitted by the customer. Information regarding sample location, description, area, volume, etc., was provided by the customer. Asbestos Identification Laboratory is not responsible for sample collection activities or analytical method limitations. Unless notified in writing to return samples, Asbestos Identification Laboratory discards customer samples after 30 days. Samples containing subsamples or layers will be analyzed separately when applicable. Reports are kept at Asbestos Identification Laboratory for three years. This report shall not be reproduced, except in full, without the written consent of Asbestos Identification Laboratory.

- NVLAP Lab Code: 200919-0
- Massachusetts Certification License: AA000208
- State of Connecticut, Department of Public Health Approved Environmental Laboratory Registration Number: PH-0142
- State of Maine, Department of Environmental Protection Asbestos Analytical Laboratory License Number: LB-0078(Bulk) LA-0087(Air)
- State of Rhode Island and Providence Plantations. Department of Health Certification: AAL-121
- State of Vermont, Department of Health Environmental Health License AL934461

Thank you Alan Sundquist for your business.

Michael Manning
Owner/Director

January 06, 2020

Alan Sundquist
CDW Consultants, Inc.
6 Huron Drive
Natick, MA 01760

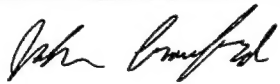
Project Name: 1830 Beaver St.,
Project Number:
Date Sampled: 2020-01-06
Work Received: 2020-01-06
Work Analyzed: 2020-01-06

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
1A 549748	Gray Fire Motar	Admin Bld.	gray	Non-Fibrous 100	None Detected
1B 549749	Gray Fire Motar	Admin Bld.	gray	Non-Fibrous 100	None Detected
1C 549750	Gray Fire Motar	Admin Bld.	gray	Non-Fibrous 100	None Detected
2A 549751	Green Vapor Barrier	Farmhouse	green	Cellulose 90 Non-Fibrous 10	None Detected
2B 549752	Green Vapor Barrier	Farmhouse	green	Cellulose 90 Non-Fibrous 10	None Detected
2C 549753	Green Vapor Barrier	Farmhouse	green	Cellulose 90 Non-Fibrous 10	None Detected
3A 549754	Black Vapor Barrier	Farmhouse	black	Cellulose 50 Non-Fibrous 50	None Detected
3B 549755	Black Vapor Barrier	Farmhouse	black	Cellulose 50 Non-Fibrous 50	None Detected
3C 549756	Black Vapor Barrier	Farmhouse	black	Cellulose 50 Non-Fibrous 50	None Detected

Monday 06 January

Analyzed by:



End of Report

Batch: 49578

Page 1 of 1

[illegible]

[illegible]

Lab ID# (Lab Use Only)		Field ID/ (Client Reference)	Material / Location	Stereo Scope				Optical Properties								RI	Non-Asbestos Percentage (%)								
Temp in Celcius = _____				% of Asbestos	Color	Homogeneity	Texture	Friable	Asbestos Minerals	Asbestos %	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism			⊥	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
56	3C		Material Location 4		off blk	N	F	N	Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile																
			Material Location						Chrysotile					</											